

68A
Feb. 16, 1992

MEMORANDUM

SUBJECT: Analytical Method for di(2-ethylhexyl)phthalate

FROM: Gerald McKinney

TO: Cynthia Hutchison

I have discussed the detection limit of the above compound with Bob Greenall of our lab and suggest the following possible wording for the paragraph in your letter:

The groundwater sampling results for di(2-ethylhexyl)phthalate indicate that a lower detection limit is desirable. With the MCL for this compound being 6 ug/l and the detection limit being approximately 10 ug/l, it makes interpretation of the results difficult. It is desirable to have the detection limit ten times lower than the criteria level, but it is recognized that this is not always possible. For this compound, selection of an alternate method may still not give the desired detection limit. However, modifications of the analytical method may sometimes improve the detection limit. These modifications include extracting more of the original sample or further concentrating of the sample extract. Modification of the instrument operating parameters, such as selective ion monitoring may also sometimes improve the detection limit. We request that these be investigated in future sampling events to achieve a detection limit of 2 ug/l or less if possible.



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